



# **Panasonic**

## **POWER SUPPLY**

### **PK-A789S**

This accessory is for use with the following Panasonic Color Cameras only:

PK-957, PK-903, PK-973, PK-557,  
PK-503, PK-503M, PK-956, PK-  
802, PK-756, PK-752, PK-972,  
PK-805, PK-801, PK-800, PK-771,  
PK-755, PK-751, PK-750, PK-700,  
PK-700A, PK-530.

## **OPERATING INSTRUCTIONS**

## GENERAL INFORMATION

This instruction manual is important. Before attempting to employ, please read these instructions.

No other power supply has the same serial number as yours. Therefore it is important that you record the number and other information below, where it is handy, in case your unit is stolen or you need a complete description for any other reason.

So, please retain for future reference.

You will find the serial number on the bottom of the power supply.

MODEL \_\_\_\_\_

SERIAL \_\_\_\_\_

DATE OF PURCHASE \_\_\_\_\_

WHERE PURCHASED \_\_\_\_\_

**WARNING:** TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE CAMERA OR POWER SUPPLY TO RAIN OR MOISTURE. TO PREVENT DAMAGE TO THE EXPENSIVE PICK-UP TUBE, DO NOT DIRECTLY AIM THE LENS AT THE SUN, OR BRIGHT LIGHTS, EVEN WHEN THE POWER IS OFF.

### CAUTION

RISK OF ELECTRIC SHOCK  
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure; that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

# GENERAL CARE

- 1. Do not use the PK—A789S with video cameras other than the models specified.
- 2. There are no user serviceable parts inside, so do not attempt to disassemble the power supply.
- 3. Avoid abusing the power supply by swinging, striking, shaking, dropping, and so on.
- 4. Do not use in or near water.
- 5. Be sure to connect the camera to the power supply before turning on the power switch on the power supply.  
If the switch is turned on without connecting the cable, or the camera connected with the supply on, trouble could develop.
- 6. The maximum distance between the camera and power supply is 67 feet. (50 feet-maximum in case of PK—530/700/750/800) The use of longer extension cables may result in unsatisfactory operation.
- 7. Do not leave the power supply or camera in a closed car or trunk during summer. Temperatures can reach or exceed the limits for devices within the power supply.

**CONTENTS:**

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GENERAL INFORMATION .....	1
GENERAL CARE .....	2
IMPORTANT SAFEGUARDS .....	3
OPERATING COMPONENTS .....	5
CONNECTION DIAGRAM .....	6
OPERATION & SPECIFICATIONS .....	6

# IMPORTANT SAFEGUARDS

1. **Read Instructions** — All the safety and operating instructions should be read before the appliance is operated.
2. **Retain Instructions** — The safety and operating instructions should be retained for future reference.
3. **Heed Warnings** — All warnings on the appliance and in the operating instructions should be adhered to.
4. **Follow Instructions** — All operating and use instructions should be followed.
5. **Cleaning** — Unplug this video product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
6. **Attachments** — Do not use attachments not recommended by the video product manufacturer as they may cause hazards.
7. **Water and Moisture** — Do not use this video product near water — for example, near a bath tub, wash bowl kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.
8. **Accessories** — Do not place this video product on an unstable cart, stand, tripod, bracket, or table. The video product may fall, causing serious injury to a child or adult, and serious damage to the appliance. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the video product. Any mounting of the appliance should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
9. **Ventilation** — Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the video product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the video product on a bed, sofa, rug, or other similar surface. This video product should never be placed near or over a radiator or heat register. This video product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
10. **Power Sources** — This video product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company. For video products intended to operate from battery power, or other sources, refer to the operating instructions.
11. **Grounding or Polarization** — This video unit may be equipped with either a polarized 2-wire AC line plug (a plug having one blade wider than the other) or a 3-wire grounding type plug, a plug having a third (grounding) pin.

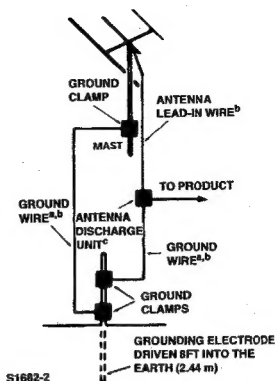
The 2-wire polarized plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug still fails to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

The 3-wire grounding type plug will fit into a grounding type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding type plug.
12. **Power-Cord Protection** — Power-supply cords should be routed so that they are not likely be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.
13. **Outdoor Antenna Grounding** — If an outside antenna or cable system is connected to the video product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National wire Electrical Code, ANSI/NFPA No. 70—1981, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrodes. See Figure below.

a Use No. 10 AWG (5.3 mm<sup>2</sup>) copper, No. 8 AWG (8.4 mm<sup>2</sup>) aluminum, No. 17 AWG (1.0 mm<sup>2</sup>) copper-clad steel or bronze wire, or larger, as ground wire.

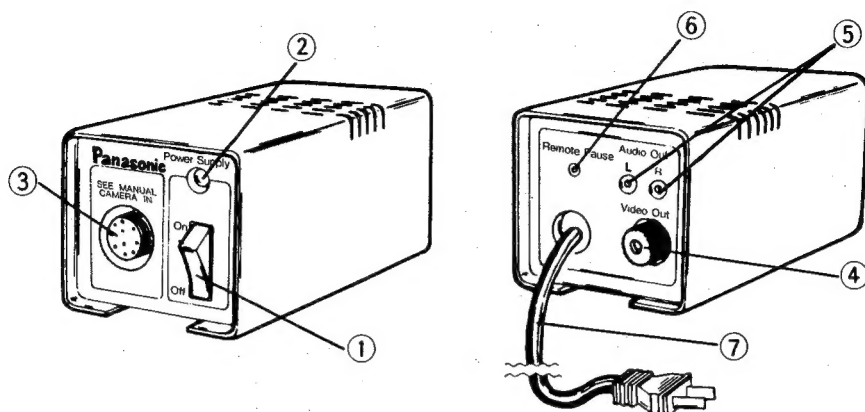
b Secure antenna lead-in wire and ground wires to house with stand-off insulators spaced from 4 ft (1.22 m) to 6 ft (1.83 m) apart.

c Mount antenna discharge unit as close as possible to where lead-in enters house.



14. **Lightning** — For added protection for this video product receiver during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the video product due to lightning and power-line surges.
15. **Power Lines** — An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
16. **Overloading** — Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.
17. **Object and Liquid Entry** — Never push objects of any kind into this video product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the video product.
18. **Servicing** — Do not attempt to service this video product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
19. **Damage Requiring Service** — Unplug this video product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
  - a. When the power-supply cord or plug is damaged.
  - b. If liquid has been spilled, or objects have fallen into the video product.
  - c. If the video product has been exposed to rain or water.
  - d. If the video product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the video product to its normal operation.
  - e. If the video product has been dropped or the cabinet has been damaged.
  - f. When the video product exhibits a distinct change in performance — this indicates a need for service.
20. **Replacement Parts** — When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.
21. **Safety Check** — Upon completion of any service or repairs to this video product, ask the service technician to perform safety checks to determine that the video product is in proper operating condition.

## OPERATING COMPONENTS



1. **On/off switch**  
This switch turns the camera system power on and off.
2. **Power indicator light**  
This LED glows red when power is on.
3. **Camera input connector (Camera In)**  
Connect the camera cable connector here. Be sure the cable connector is fitted securely to the input connector.
4. **Video output connector (Video Out)**  
The video output connector supplies an NTSC color signal to the VTR. Connect the silver end of the video cable here. The white end should be connected to the video input connector on the video tape recorder.
5. **Audio output connectors (Audio Out)**  
These connectors supply audio signals from the camera stereo microphone to the VTR. Connect one end of the audio cables to the power supply, the other end to the audio in connectors on the recorder. Use the L(left) connector when recording the sound from monaural camera. These cables can be identified by their red and white end.
6. **Remote pause connector (Remote Pause)**  
This connector connects to the VTR with the remote control cable, in order to pause the VTR from the camera. Connect one end of the remote pause cable to this connector, the other end of the cable to the remote pause connector on the video tape recorder. This cable can be identified by its black end.
7. **Power cord plug**  
Connect the two prong polarized plug to a wall socket (120V AC). If the socket works for an ordinary table lamp, for instance, it is right for your unit.

### The following cables are provided with the power supply.

2 Audio cables (One cable has red connectors, the other has white connectors)  
(VJAW0009/VJAW0010)

Remote pause cable (Black connectors) (VJAK0115)

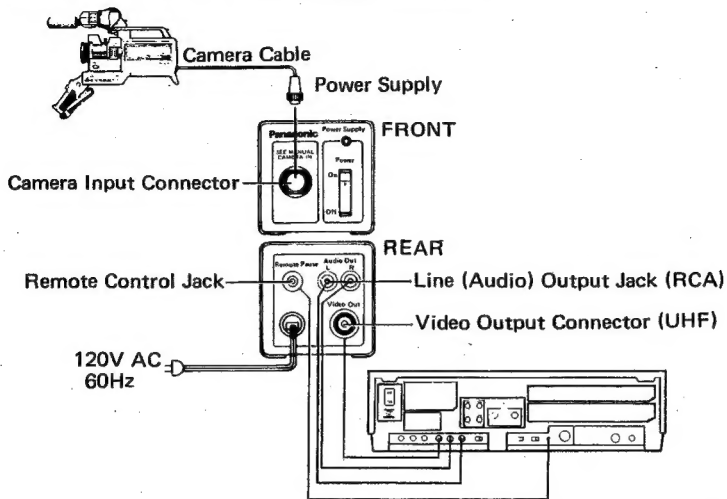
Video cable (One end has a white connector, the other has a silver connector) (VECK126)

# CONNECTION DIAGRAM

Be sure Power on/off switch is off before making connections.

Connect the camera, power supply, and video tape recorder as shown below.

Camera, Power Supply and VTR without 10-pin connector



The connections between the VTR and TV set are explained in the operating instructions for the VTR.

## OPERATION

Except for the Power on/off switch, this unit has no other operating controls. After above connections are made, place the Power on/off switch to the ON position.

- Note:**
1. Some VTR models have a selector switch that must be set from the tuner position to either LINE or CAMERA. Be sure to read the Operating Instructions for your Video Tape Recorder.
  2. When this switch is used, the playback picture will not appear on the camera's viewfinder. It must be viewed on the television set.

## SPECIFICATIONS

Audio Output:	Output Impedance 1K ohm Level -20dB Audio Output
Power Source:	120V AC60Hz
Power Consumption:	19W
Dimensions:	80mm(W) x 149mm(L) x 75mm(H)
Weight:	Approx. 1.2kg

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752, PK-972, PK-805, PK-801, PK-800,  
PK-771, PK-755, PK-751, PK-750, PK-700,  
PK-700A, PK-530.